

TUCSON ELECTRIC POWER COMPANY
Tucson, Arizona
Filed by: Steven J. Glaser
Title: Vice President, Rates & Regulatory Support
District: Entire Electric Service Area

Tariff No. 50
Sheet No. 1 of 7
Revision No. _____
Effective: January 1, 2000

DIRECT ACCESS
PUBLIC STREET LIGHTING SCHEDULE NO. 50

The Company's following Riders apply to this tariff: Adder Associated with MGC – Rider No. 1; Must-Run Generation – Rider No. 2; Transmission and Ancillary Services – Rider No. 3; Fixed CTC by Class – Rider No. 4; and Transmission Credit -- Rider No. 5.

AVAILABILITY

Available for service for lighting public streets, alleys, thoroughfares, public parks, and playgrounds by use of Company's standard facilities where such service is contracted under this rate schedule by the state, a county, city, town, political subdivision, improvement district, or a responsible person or persons for unincorporated communities.

APPLICABILITY

Applicable to street lighting service from dusk to dawn and Company will own, operate, and maintain the street light system including lamps and globe replacements.

CHARACTER OF SERVICE

Multiple or series street lighting system at option of Company and at one standard nominal voltage.

RATES

All charges shown are on a per customer per month basis, except where otherwise specified.

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

	100 W OH	250 W OH	400 W OH	Pole Add	100 W UG
Distribution - Primary					
Applicability: Required for Direct Access Service.					
Price of Service:	\$3.611763	\$5.445799	\$8.405576	\$4.010000	\$6.829507
Distribution - Secondary					
Applicability: Required for Direct Access Service.					
Applies to primary & secondary customers; a primary discount may apply to primary customers.					

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	100 W OH	250 W OH	400 W OH	Pole Add	100 W UG
Price of Service:	\$1.570971	\$2.359193	\$3.640054	\$0.000000	\$2.979097
Distribution - Customer Service Drop					
Applicability: Required for Direct Access Service.					
Price of Service:	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
Uncollectible Accounts					
Applicability: Required for Direct Access Service.					
Price of Service:	\$0.018179	\$0.027301	\$0.042123	\$0.000000	\$0.034474
Fixed Must-Run					
Applicability: Required for Direct Access Service.					
See Must-Run Generation - Rider No. 2					
Price of Service:	\$0.123802	\$0.309504	\$0.495207	\$0.000000	\$0.123802
Fixed CTC					
Applicability: Required for Direct Access Service.					
See Fixed CTC by Class - Rider No. 4					
Price of Service:	\$0.266518	\$0.666294	\$1.066071	\$0.000000	\$0.266518
Floating CTC					
Applicability: Required for Direct Access Service.					
See Market Generation Credit (MGC) and Stranded Cost Recovery section of this Tariff.					
Demand Side Management					
Applicability: Required System Benefits Charge for Direct Access Service.					
Price of Service:	\$0.084579	\$0.127015	\$0.195975	\$0.000000	\$0.160390
Customer Information and Lifeline Discount					
Applicability: Required System Benefits Charge for Direct Access Service.					
Price of Service:	\$0.093773	\$0.140822	\$0.217278	\$0.000000	\$0.177825

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	100 W OH	250 W OH	400 W OH	Pole Add	100 W UG
Meter Services					
Applicability: Required for Direct Access Service; may be purchased from a qualified third party.					
Installation	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
Maintenance	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
<u>Equipment</u>	<u>\$0.000000</u>	<u>\$0.000000</u>	<u>\$0.000000</u>	<u>\$0.000000</u>	<u>\$0.000000</u>
Subtotal	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
Meter Reading Services					
Applicability: Required for Direct Access Service; may be purchased from a qualified third party.					
Price of Service:	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
Billing and Collection					
Applicability: Required for Direct Access Service; may be purchased from a qualified third party.					
Price of Service:	\$0.180658	\$0.271302	\$0.418598	\$0.000000	\$0.342589
Transmission - Group A: For customers under 20 kW and not demand metered.					
Applicability: Required for Direct Access Service pursuant to the Company's OATT.					
The rates in Transmission Credit -- Rider No. 5 will be used for the Transmission Credit in the calculation of the floating CTC. These rates are based on the Company's OATT, but are converted to a kWh-basis for specific load-profiled customer groups.					
<i>For illustrative purposes, an estimated rate is shown below.</i>					
Energy-based rate for transmission; converted to per customer per month basis:	\$0.110960	\$0.277400	\$0.443840	\$0.000000	\$0.110960
Transmission - Group B: For customers not in Group A.					
Applicability: Required for Direct Access Service pursuant to the Company's OATT.					
The following OATT rate is shown below for information and for calculation of the floating CTC.					
See Transmission Rider No. 3.					
As of June 7, 1999, the transmission charges are as follows:					
EHV	\$2.259000 <i>per kW / Month</i>				

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Non-EHV	\$0.757000 <i>per kW / Month</i>				

Ancillary Services - Group A: For customers under 20 kW and not demand metered.

Applicability: Required for Direct Access Service pursuant to the Company's OATT.

The rates in Transmission Credit -- Rider No. 5 will be used for the Transmission Credit in the calculation of the floating CTC. These rates are based on the Company's OATT, but are converted to a kWh-basis for specific load-profiled customer groups.

For illustrative purposes, estimated rates are shown below.

System Control & Dispatch	\$0.003824	\$0.009561	\$0.015298	\$0.000000	\$0.003824
Reactive Supply and Voltage Control	\$0.015028	\$0.037571	\$0.060114	\$0.000000	\$0.015028
Regulation and Frequency Response	\$0.014580	\$0.036449	\$0.058319	\$0.000000	\$0.014580
Energy Imbalance Service	(see Notes)				
Spinning Reserve Service	\$0.039508	\$0.098769	\$0.158030	\$0.000000	\$0.039508
Supplemental Reserve Service	\$0.006434	\$0.016085	\$0.025735	\$0.000000	\$0.006434

Ancillary Services - Group B: For customers not in Group A.

Applicability: Required for Direct Access Service pursuant to the Company's OATT.

The following OATT rates are shown below for information and for calculation of the floating CTC.

See Transmission Rider No. 3.

As of June 7, 1999, the charges are as follows:

System Control & Dispatch	\$0.041000 <i>per kW / Month</i>
Reactive Supply and Voltage Control	\$0.161000 <i>per kW / Month</i>
Regulation and Frequency Response	\$0.156000 <i>per kW / Month</i>
Energy Imbalance Service	(see Notes)
Spinning Reserve Service	\$0.423000 <i>per kW / Month</i>
Supplemental Reserve Service	\$0.069000 <i>per kW / Month</i>

Notes:

- 1) A loss factor adjustment (5.4%) shall be made for Transmission and Ancillary Services.
- 2) Energy Imbalance Service currently charged pursuant to the Company's OATT, which is subject to change

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	100 W OH	250 W OH	400 W OH	Pole Add	100 W UG
pursuant to AISA protocols.					

ADDITIONAL NOTES

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

See Must-Run Generation – Rider No. 2 for treatment of variable Must-Run Generation.

MARKET GENERATION CREDIT (MGC) and STRANDED COST RECOVERY

The floating CTC is used to recover a portion of stranded cost and is calculated using a MGC methodology. The MGC is determined quarterly, with such change set 45 days prior to each quarter, although the amount will vary month-to-month. The floating CTC equals the difference between the customer's bundled rate and the sum of the MGC, the Adder (pursuant to Adder Associated with MGC – Rider No. 1), and the unbundled charges for a) distribution, b) transmission, c) meter services, d) meter reading services, e) billing and collection, f) demand-side management system benefits charge, g) customer information and life-line discount system benefits charge, h) uncollectible accounts, l) ancillary services (Transmission and Ancillary Services – Rider No. 3), j) fixed must-run generation (Must-Run Generation – Rider No. 2), and k) fixed CTC (Fixed CTC by Class – Rider No. 4). In a given quarter, the floating CTC can have a negative value, in which case the negative value will be credited to the customer's monthly bill.

The monthly MGC will be calculated using an on-peak component and an off-peak component and will be calculated in advance. The monthly on-peak component will be equal to a market price multiplied by the quantity of 1 plus the appropriate line loss (including UFE). The market price will be equal to the Palo Verde NYMEX futures price, except when adjusted for the variable cost of must-run generation. The off-peak component will be determined in the same manner as the on-peak component, except that the Palo Verde futures price will be adjusted by the ratio of off-peak to on-peak hourly prices from the California Power Exchange of the same month from the preceding year.

ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

STANDARD LAMP UNITS, OVERHEAD SERVICE

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1. The standard 100 watt lamp unit for overhead service is a 9,500 lumen high pressure sodium unit, mounted on a four foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 25 feet above ground level.
2. The standard 250 watt lamp unit for overhead service is a 27,500 lumen high pressure sodium unit, mounted on an eight foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 27 feet above ground level.
3. The standard 400 watt lamp unit for overhead service is a 50,000 lumen high pressure sodium unit, mounted on an eighteen foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 35 feet above ground level.
4. The standard 100 watt lamp unit for underground service is a 9,500 lumen high pressure sodium post top unit mounted on a pole approximately 15 feet above ground level.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may be in the future assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

SPECIAL PROVISIONS

1. Installation of a light on an existing pole is subject to prior approval of Company.
2. For underground service, where customer provides trenching up to 10 feet in accordance with Company's electric service requirements, customer shall be billed at the rates for overhead service.
3. Extensions beyond 100 feet and all installations other than those addressed in this rate schedule, will require specific agreements providing adequate revenue or arrangements for construction financing.
4. The Customer is not authorized to make connections to this lighting circuit or to make attachments or alterations to the Company owned pole.
5. If a Customer requests a relocation of a lighting installation, the costs of such relocation must be borne by the Customer.
6. The Customer is expected to notify the Company when lamp outages or malfunctions occur.
7. The Company will use diligence in maintaining service; however, monthly bills will not be reduced because of lamp outages.

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8. After the minimum contract period, if any, has expired, this agreement shall be extended from year to year unless written notice of desire to terminate is given by either party at least thirty (30) days prior to the end of any such annual extension date.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule. Any condition not provided for herein must be the subject of a separate written agreement.